

DON'T OVERLOAD YOUR BOAT!



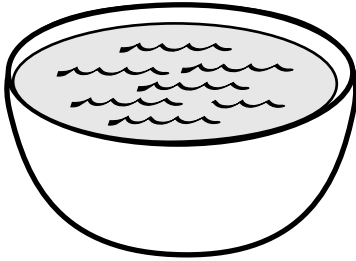
ACTIVITY 2:



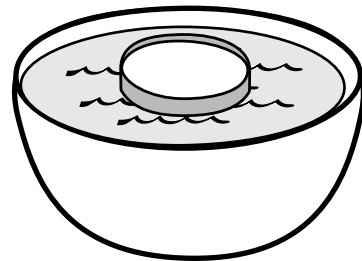
FUN BALANCING BOATS

Try this fun experiment and learn more about the importance of balancing a boat. To get started, you will need a large plastic bowl, a jelly jar lid, and about 12–15 pennies. Then, read and follow the steps below.

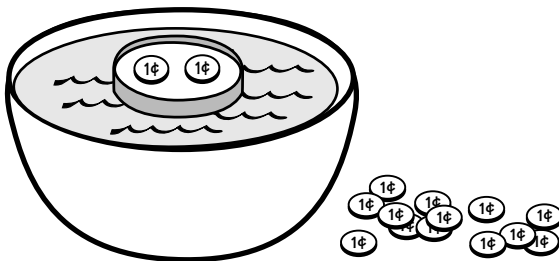
- 1 Fill the bowl with water to represent a lake or ocean.



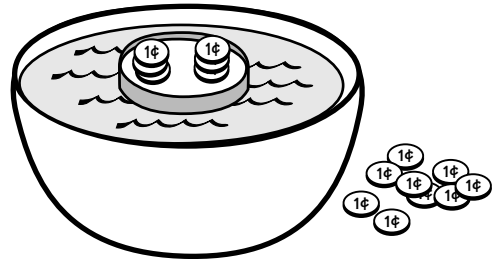
- 2 Float the jelly jar lid upside-down on the water to represent a boat.



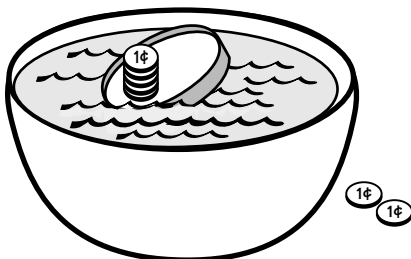
- 3 Place coins in the boat to represent people.



- 4 Balanced boat: the boat will remain stable if it has the same amount of pennies on each side. Add pennies one at a time on each side of the lid (3 to 4 on each side).



- 5 Unbalanced boat: place pennies one at a time on one side of the lid. The boat will eventually capsize.



- 6 Overloaded boat: stack pennies in the middle of the lid and eventually the boat will capsize.

